

CHEMPROD – GAS PROCESSING PLANT PHASE 2



PROJECT DESCRIPTION

The new 2nd gas processing facility (GPP2) will:

- Process dense phase gas from different existing and new fields;
- Be capable to process up to 150 MMSCFD of dense phase gas
- Treat dense gas with NGL and fractionate it into: propane (C3), butane (C4), pentane (C5) and stabilized condensate (C5+) components.

OUR CLIENT



FINAL CLIENT



GEOGRAPHICAL AREA

Ghana



OUR ACTIVITIES

- Definition and optimization of the whole plant configuration;
- Selection of the technology of the cold plant's section;
- Main process simulation and optimization;
- Flare network simulation and flare sizing;
- Process design activities;
- Instrumentation and electrical engineering plant design;
- Civil engineering plant design including above ground foundation with loads, steel structure preliminary drawing and architectural drawing of the new building;
- Piping design including: general plot plan, process units lay out;
- 3D equipment layout

PROJECT FEATURES

Manhours: 37.000

Duration: 9 months

Start Year: 2018

STANDARDS & APPROACHES

- Multidisciplinary Engineering Design
- Process Optimisation
- CAPEX Estimation

ENGINEERING PHASE and AREA



FEED



NGL